NC/QC/WT/2023-24/YPD

Date: 02-09-2023

To,
The Executive Engineer,
Yelahanka Project Division
Bangalore.

"FREQUENCY AND QUALITY REPORT"

Dear Sir,

Subject: Regarding Quality Report for the below mentioned work.

Name of Work:Construction of Watch Tower in NES Circle of Yelahanka sub division

Item No	Description of work	Unit	Qty	No of Samples Tested	Standards
1	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregate @ 0.892cum	Cum	42.94	1	Per 50 Cum
2	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting,	Tn	5.70	1	Per Dia
3	Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates	Cum	42.82	4	Per 10Cum
4	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and	Nos	220.00	1	Per 500 Nos

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Final bill

Thanking you,

With Regards,

For Newzen Consultants Bangalore

NEWZEN CONSULTANTS Bangalore

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

NC/PMC/WT/2023-24/YPD

Date: 02-09-2023

To,
The Executive Engineer,
Yelahanka Project Division
Bangalore.

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work:Construction of Watch Tower in NES Circle of Yelahanka sub division

Item No	Description of work	Unit	Qty	Remarks
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding	Cum	24.48	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Cum	3.61	Work done upto the Billed Quantity and the Quality is Satisfactory
2	Dismantling the tile work in floor and roof laid in cement or surki mortar including stacking the materials with in 50 m lead of tiles thickness 10mm to 25mm. including cost of materials, labour,	Sqm	80.50	Work done upto the Billed Quantity and the Quality is Satisfactory
3	Easing of shutters of door. including cost of materials, labour, HOM complete as per specifications.	Nos	6.00	Work done upto the Billed Quantity and the Quality is Satisfactory
4	Scraping plaster in lime or cement mortar from brick / stone masonry.	Sqm	118.43	Work done upto the Billed Quantity and the Quality is Satisfactory
5	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding	Cum	31.19	Work done upto the Billed Quantity and the Quality is Satisfactory
6	Dismantling CI or AC rain water Pipes with fittings and clamps and stacking the materials with a lead of 50 meters. including	m	50.00	Work done upto the Billed Quantity and the Quality is
7	Dismantling weather proof course and removing and conveying the debris to a distance upto 200m. including cost of materials, labour, HOM complete as per specifications.	Cum	8.05	Work done upto the Billed Quantity and the Quality is Satisfactory
8	Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for	Cum	75.46	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Cum	220.95	Work done upto the Billed Quantity and the Quality is
10	Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in	Cum	157.86	Work done upto the Billed Quantity and the Quality is Satisfactory

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Item No	Description of work	Unit	Qty	Remarks
11	Providing and filling in foundation with granite / trap borken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and	Cum	4.49	Work done upto the Billed Quantity and the Quality is Satisfactory
12	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregate @ 0.892cum and fine	Cum	24.66	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Cum	18.28	Work done upto the Billed Quantity and the Quality is Satisfactory
13	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes	Cum	10.89	Work done upto the Billed Quantity and the Quality is Satisfactory
14	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones	Cum	18.13	Work done upto the Billed Quantity and the Quality is Satisfactory
15	Filling available excavated earth (excluding rock) insides of foundations upto plinth in layers not exceeding 20cms. In depth, compacting each deposited layer by ramming after watering with	Cum	173.81	Work done upto the Billed Quantity and the Quality is Satisfactory
17	Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine	Cum	14.68	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Cum	28.15	Work done upto the Billed Quantity and the Quality is Satisfactory
20	Providing & removing centeing shuttering, strutting, propping etc., and removal of form work for foundations, footings bases of columns for mass concrete including cost of all materials, labour	Sqm	12.78	Work done upto the Billed Quantity and the Quality is Satisfactory
21	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls	Sqm	51.00	Work done upto the Billed Quantity and the Quality is
	Above 125%	Sqm	175.62	Work done upto the Billed Quantity and the Quality is Satisfactory
22	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding	MT	3.21	Work done upto the Billed Quantity and the Quality is Satisfactory
	Above 125%	Mt	2.48	Work done upto the Billed Quantity and the Quality is Satisfactory
24	Providing 20mm thick cement plaster in single coat with cement mortar, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, including	Sqm	28.92	Work done upto the Billed Quantity and the Quality is Satisfactory
31	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete.-do- of size 450 x 150 x 500 mm with all	Nos	220.00	Work done upto the Billed Quantity and the Quality is Satisfactory

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NEW TECHNOLOGIES TO INNOVATE

Item No	Description of work	Unit	Qty	Remarks
E-1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per	Cum	30.16	Work done upto the Billed Quantity and the Quality is Satisfactory
E-2	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	43.09	Work done upto the Billed Quantity and the Quality is
E-3	Providing and laying flooring and steps fine dressed granite stone slabs 40 mm thick on cement mortar bed 1:6, 25 mm thick, and pointed with cement mortar 1:3 over existing cement concrete	Sqm	49.25	Work done upto the Billed Quantity and the Quality is Satisfactory
E-4	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation	Cum	61.15	Work done upto the Billed Quantity and the Quality is Satisfactory
E-5	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2	Sqm	59.22	Work done upto the Billed Quantity and the Quality is Satisfactory
E-6	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20	Sqm	108.90	Work done upto the Billed Quantity and the Quality is
E-7	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including	Sqm	1.62	Work done upto the Billed Quantity and the Quality is Satisfactory
E-8	Providing and fixing M.S. angle 50x50x5 mm to act as nosing with lugs of M.S. flat 10x5 mm, 10 cm long, forked at end 60cm apart (minimum three lugs to be provided), including necessary	kg	3611.89	Work done upto the Billed Quantity and the Quality is Satisfactory
E-9	Crawler mounted Crane 35 t capacity	Hr	150.00	Work done upto the Billed Quantity and the Quality is
E-10	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and	Kg	633.79	Work done upto the Billed Quantity and the Quality is Satisfactory
E-11	Providing and fixing of Ornamental Granite Pillar of overall height of 1250mm 200x200sqmm, Octagonal to a height of 820mm and	Nos	21.00	Work done upto the Billed Quantity and the Quality is
E-12	Providing and fixing Glass fiber Reinforcement (GFRC) made up of Alkali Resistant Glass fiber which has high durability in cement composition Na20-Ca0-Zr02-Si02(Zirconium 16% min) diameter	Sqm	92.80	Work done upto the Billed Quantity and the Quality is Satisfactory
E-13	Bell for Clock tower bronze sculpture with following specification a) Making of clay modeling as per the approved schematic sketch	Nos	1.00	Work done upto the Billed Quantity and the Quality is
E-14	4' 6" Clock with back light, Roman digits, with front glass 1.Clock dial design .... : Roman number dials with central Art work as per your selected clock dials. The numbers will be black	Nos	4.00	Work done upto the Billed Quantity and the Quality is Satisfactory

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Final bill

Thanking you,

With Regards,

For Newzen Consultants Bangalore

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